



FIG. 1

FIG. 2

$$\begin{array}{c}
 \text{200} \quad \downarrow \quad \text{250} \quad \downarrow \\
 \text{Slot} = \begin{bmatrix} z_1 & z_5 \cdots z_{4n-3} & \text{pilots} & z_{4n-2}^* \cdots z_6^* & z_2^* \\ z_2 & z_6 \cdots z_{4n-2} & \text{pilots} & -z_{4n-3}^* \cdots -z_5^* & -z_1^* \end{bmatrix} + \\
 \begin{bmatrix} \tilde{z}_3 & \tilde{z}_7 \cdots \tilde{z}_{4n-1} & \text{pilots} & -\tilde{z}_{4n}^* \cdots -\tilde{z}_8^* & -\tilde{z}_4^* \\ \tilde{z}_4 & \tilde{z}_8 \cdots \tilde{z}_{4n-2} & \text{pilots} & \tilde{z}_{4n-1}^* \cdots \tilde{z}_7^* & \tilde{z}_3^* \end{bmatrix} \\
 \begin{array}{ccccc}
 \uparrow & \uparrow & & \uparrow & \uparrow \\
 \text{210} & \text{220} & & \text{240} & \text{230}
 \end{array}
 \end{array}$$

[illegible]

300

250

slot =

$$\begin{bmatrix} z_1 & z_5 & \cdots & z_{4n-3} & \text{pilots} & z_{4n-2}^* & \cdots & z_6^* & z_2^* \\ z_2 & z_6 & \cdots & z_{4n-2} & \text{pilots} & -z_{4n-3}^* & \cdots & z_5^* & -z_1^* \\ z_3 & z_7 & \cdots & z_{4n-1} & \text{pilots} & z_{4n}^* & \cdots & z_8^* & z_4^* \\ z_4 & z_8 & \cdots & z_{4n} & \text{pilots} & -z_{4n-1}^* & \cdots & -z_7^* & -z_3^* \end{bmatrix}$$

↑ ↑

310 320

↑ ↑

340 330

FIG. 4

400

$$\text{slot} = \begin{bmatrix} z_1 & z_7 & \dots & z_{6n-5} & \text{pilots} & z_{6n-4}^* & \dots & z_8^* & z_2^* \\ z_2 & z_8 & \dots & z_{6n-4} & \text{pilots} & -z_{6n-5}^* & \dots & -z_7^* & -z_1^* \\ z_3 & z_9 & \dots & z_{6n-3} & \text{pilots} & z_{6n-2}^* & \dots & z_{10}^* & z_4^* \\ z_4 & z_{10} & \dots & z_{6n-2} & \text{pilots} & -z_{6n-3}^* & \dots & -z_9^* & -z_3^* \\ z_5 & z_{11} & \dots & z_{6n-1} & \text{pilots} & z_{6n}^* & \dots & z_{12}^* & z_6^* \\ z_6 & z_{12} & \dots & z_{6n} & \text{pilots} & -z_{6n-1}^* & \dots & -z_{11}^* & -z_5^* \end{bmatrix}$$

FIG. 5

500
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$$\text{Slot} = \begin{bmatrix} z_1 z_5 \cdots z_{4n-3} z_3 z_7 \cdots z_{4n-1} \text{ pilots} & -z_{4n-2}^* \cdots -z_6^* - z_2^* & -z_{4n}^* \cdots -z_8^* - z_4^* \\ z_2 z_6 \cdots z_{4n-2} z_4 z_8 \cdots z_{4n} \text{ pilots} & z_{4n-3}^* \cdots z_5^* z_1^* & z_{4n-1}^* \cdots z_7^* z_3^* \\ z_3 z_7 \cdots z_{4n-1} z_1 z_5 \cdots z_{4n-3} \text{ pilots} & -z_{4n}^* \cdots -z_8^* - z_4^* & -z_{4n-2}^* \cdots -z_6^* - z_2^* \\ z_4 z_8 \cdots z_{4n} z_2 z_6 \cdots z_{4n-2} \text{ pilots} & z_{4n-1}^* \cdots z_7^* z_3^* & z_{4n-4}^* \cdots z_5^* z_1^* \end{bmatrix}$$